

10 LIST OF PREPARERS

California High Speed Rail Authority

Dan Leavitt, Deputy Director

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Federal Railroad Administration

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List of Consultants

Name	Title	Responsibility
Kip Field	Project Manager Parsons Brinckerhoff Quade & Douglas, Inc.	Environmental Process Management Lead Agency Coordination Discipline Co-Lead Capital Costs, Alternatives
Peter Gertler	Deputy Project Manager Parsons Brinckerhoff Quade & Douglas, Inc.	QA/QC Review Discipline Lead Transportation and Operations and Maintenance Costs Discipline Co-Lead Alternatives
Marilyn Duffey	Environmental Task Manager The Duffey Company	EIR/EIS Review and Oversight QA/QC Task Manager Discipline Lead Purpose and Need, Visual Resources, and Cumulative Impacts
Ben Strumwasser	Principal Public Affairs Management	Leader of Public Involvement
Paul Taylor	Senior Traffic Engineer Kaku Associates, Inc.	Discipline Lead Traffic and Circulation
Alice Lovegrove	Senior Environmental Engineer Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Lead Air Quality
Carl Hanson	Principal Environmental Engineer Harris Miller Miller & Hanson, Inc.	Discipline Lead Noise and Vibration

Name	Title	Responsibility
David Freytag	Senior Environmental Planner Jones & Stokes	Discipline Co-Lead Hydrology and Water Quality, Energy
Garrick Jones	Senior Environmental Planner Jones & Stokes	Discipline Co-Lead Hydrology and Water Quality, Energy
Asher Sheppard	Environmental Scientist Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Lead EMI/EMF
Helise Cohn	Senior Transportation Planner Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Lead Communities, Socioeconomics, Environmental Justice, and Property Impacts
Susan Killen	Senior Planner Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Lead Local Area Growth, Development, Planning and Land Use Discipline Co-Lead Section 4(f) and 6(f) Resources
Susan Robbins	Senior Environmental Planner Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Co-Lead Agricultural Resources
Bill Rice	Environmental Planner Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Co-Lead Agricultural Resources
Robert Malone	Environmental Planner Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Lead Public Utilities
Brian Calvert	Environmental Planner Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Lead Hazardous Material and Wastes
Roger Mason	Senior Environmental Planner Chambers Group, Inc.	Discipline Lead Cultural and Paleontological Resources
Amanda Elioff	Senior Planner Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Lead Geology and Soils
Don Mitchell	Principal Biologist Chambers Group, Inc.	Discipline Lead Biological Resources and Wetlands
Dominic Spaethling	Senior Planner Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Co-Lead Section 4(f) and 6(f) Resources
Paul Mosier	Senior Rail Operations Engineer Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Lead Operations Planning Discipline Co-Lead Engineering Criteria
Clint Herrera	Civil Engineer Parsons Brinckerhoff Quade & Douglas, Inc.	Discipline Co-Lead Capital Costs and Engineering Criteria

Name	Title	Responsibility
George Mazur	Senior Transportation Engineer Cambridge Systematics, Inc.	Discipline Co-Lead Economics/Growth
Chris Wornum	Senior Economist Cambridge Systematics, Inc.	Discipline Co-Lead Economics/Growth
Stan Feinsod	Senior Rail Planner, Sysstra, Inc.,	Technical Support Rail Operations
Catherine Rudiger	Senior Technical Writer/Editor Jones & Stokes	Editorial Co-Lead
Anna Busing, Ph.D.	Senior Technical Writer/Editor Jones & Stokes	Editorial Co-Lead
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Lynn Damme	Technical Writer/Editor Jones & Stokes	Technical Editor
Sara Noland	Senior Technical Writer/Editor Jones & Stokes	Technical Editor
Chris Small	Technical Writer/Editor Jones & Stokes	Technical Editor
Carol-Anne Hicks	Publications Specialist Jones & Stokes	Word Processing
Susan Davis	Web Services Leader Jones & Stokes	Electronic Publishing
REGIONAL TEAMS		
Bay Area to Merced		
Dave Mansen	Program Director, Parsons Corporation	Regional Team Project Manager
Pat Gelb	Senior Environmental Manager, Parsons Corporation	Section 4(f) and 6(f) Technical Evaluation
Guillaume Shearin	Ph.D, Principal Planner, Parsons Corporation	Traffic, Transit, Circulation, and Parking–Technical Evaluation
Theresa Larson	Senior Project Manager, Parsons Corporation	Public Utilities–Technical Evaluation
Karla Nicholas	Senior Planner, Parsons Corporation	Local Area Growth, Development, Planning, Land Use, Socioeconomics, and Environmental Justice–Technical Evaluation
Rick Phillips, R.A.	R.A., Senior Architect, Parsons Corporation	Aesthetics and Visual Quality–Technical Evaluation
Dennis J. Brown,	Ph.D., Principal Scientist, Parsons Corporation	Hazardous Materials/ Wastes–Technical Evaluation
Allen Cattell	Ph.D., Principal Planner, Parsons Corporation	Biological Resources–Technical Evaluation Hydrology and Water Quality–Technical Evaluation

Name	Title	Responsibility
Amy J. Gilreath	Principal, Far Western Anthropological Research Group, Inc.	Cultural Resources, Archeology–Technical Evaluation
Meta Bunse	Partner / Project Manager, JRP Historical Consulting Services	Cultural Resources, Historic Architecture–Technical Evaluation
C. Bruce Hanson and Jean Durham	Paleontologic Resource Specialist & Professor of Geology (Ret.)	Paleontologic Resources–Technical Evaluation
Janine Weber Band	Ph.D., Project Geologist, Geotechnical Consultants, Inc.	Geology and Soils–Technical Evaluation
Sacramento to Bakersfield		
Rachel Vandenberg, PE	Vice President, DMJM+HARRIS	Regional Team Project Manager
Rodney Jeung, AICP	Technical Director, EIP	Regional Team Environmental Lead Technical Lead–Local Area Growth, Development, Planning and Land Use Technical Lead–Public Utilities Technical Lead–Section 4(f) and 6(f)
Nils Johnson	GIS Specialist, EIP	GIS Acquisition, Analysis, and Mapping
George J. Burwasser	Senior Scientist, EIP	Technical Lead–Hydrology and Water Quality Technical Lead–Paleontological Resources
Clifford Nale	Associate Scientist, EIP	Technical Lead–Paleontological Resources
Demian Ebert	Senior Scientist, EIP	Technical Lead–Biological Resources
Kimberly M. Avila, AICP	Senior Project Manager, EIP	Technical Lead–Aesthetics and Visual Quality
Barry A. Price	Division Manager, Applied Earthworks	Technical Lead–Cultural Resources
Jerry Walters	Principal, Fehr and Peers	Technical Lead–Traffic, Transit, Circulation, and Parking
Bruce R. Hilton, RG	Senior Engineering Geologist, Kleinfelder, Inc.	Technical Lead–Geology, Soils, Seismicity Technical Lead–Hazardous Materials
Richard Carman	Wilson Ihrig & Associates, Inc.	Technical Lead–Noise and Vibration
Bakersfield to Los Angeles		
Sylvia Salenius, AICP	Vice President-Project Manager P&D Environmental	Project Manager, Prepared Cumulative Impacts Section
Tin Cheung	Environmental Scientist P&D Environmental	Assistant Project Manager, Task Leader for Public Utilities Section, assisted with Hydrology Report
Garber, Lewis, P.E., T.E.	Senior Vice President P&D Environmental	Traffic, Transit, Circulation & Parking
Warren Sprague	Senior Economist P&D Environmental	Communities, Socioeconomics, and Environmental Justice Analysis

Name	Title	Responsibility
Anne Pietro	Environmental Scientist P&D Environmental	Task Leader for Aesthetics and Visual Quality Technical Analysis
Christine Huard-Spencer	Principal and Project Manager P&D Environmental	Section 4(f) and 6(F) Properties Analysis
Jennifer Hobbs	Environmental Planner P&D Environmental	Land Use, GIS, Property Impacts, Section 4(f) and 6(f) Resources
Robert Olsen	Senior Geologist P&D Environmental	Hazardous Materials and Wastes Analysis
Robert Rusby	Project Manager P&D Environmental	Agricultural Resources/Farmland Analysis
Ron Richardson	Project Engineer P&D Environmental	Analysis for Hydrology and Water Quality
Shelly Austin	Biologist P&D Environmental	Project Manager for Biological Resources and Wetlands Studies
Christopher Wornum	Principal-in-Charge Cambridge Systematics	Task Leader for estimation of benefits of HSR; Task Leader for station area impacts of induced growth
George Mazur, P.E.	Senior Associate Cambridge Systematics	Project Manager; Lead Author of technical reports of cumulative growth
J. Christopher Kopp, AICP	Associate Cambridge Systematics	Task Leader development around HSR stations and employment land consumption analysis
Dan Hodge	Associate Cambridge Systematics	Task Manager and quality control for REMI modeling and post-processing
Hugh Louch	Senior Associate Cambridge Systematics	Population and employment projections, generated monetized benefits for HSR and Modal scenarios
Glen Weisbrod	President Economic Development Research Group, Inc. (EDRG)	Economic growth model (REMI) to forecast county level business and population attraction impacts
Teresa Lynch	Senior Consultant EDRG	Construction and analysis applying economic growth model to forecast county level business and population attraction impacts
Michael Reilly	Graduate Research Associate EDRG	Technical Lead for development of residential land consumption; modified and ran CURBA model
Mark C. Robinson, RPA	Analyst, Senior Archaeologist Applied Earthworks	Project Manager, Archaeological and Historical Research
Richard A. Carman	Principal Wilson, Ihrig & Associates, Inc.	Project Manager–Noise and Vibration
Bruce R. Hilton, RG, CEG	Project Manager Kleinfelder Associates	Engineering Geology and Seismology

Name	Title	Responsibility
Los Angeles to San Diego via Inland Empire		
Linda Bohlinger	Principal-In-Charge	Oversight of Project, QA/QC
John S. Kulpa, Ph.D.	Project Manager	Regional Team Project Manager
Brian Hausknecht	Deputy Project Manager	Environmental Leader
Richard Burke	Transportation Environmental Specialist	Senior Reviewer
Manjunath Venkat	Natural Resources Specialist	Biological Resources Task Leader
Thomas Priestly	Senior Environmental Planner	Aesthetics and Visual Quality Task Leader
James C. Bard	Cultural Resources Specialist	Cultural Resources Task Leader
Ping Tian, Ph.D., P.E.	Geotechnical Engineer	Geology and Soils Task Leader
Fatuma Yusuf, Ph.D.	Economist	Local Area Growth, Development, Planning, Land Use Socioeconomics and Environmental Justice Task Leader
Elizabeth R. Cutler	Urban Planner	Section 4(f) and 6(f) Resources Task Leader
Louis Utsumi	Public Utilities Specialist	Public Utilities Task Leader
James Gorham	Water Quality Specialist	Hydrology and Water Quality Task Leader
Brian Hausknecht	Deputy Project Manager	Hazardous Materials and Wastes Task Leader
Richard Carman	Noise and Vibration Specialist	Noise and Vibration Task Leader
Viggen Davidian	Traffic and Transportation Specialist (LA County area)	Traffic Circulation and Parking Task Leader
Justin Rasas	Traffic and Transportation Specialist (San Diego area)	San Diego area Traffic Circulation and Parking Lead
Los Angeles to San Diego via Orange County		
Steve Schibuola, IBI Group	Associate Director	Regional Team Project Manager
Lucy Bowen, HDR	Environmental Programs Manager	Regional Team Environmental Manager; Air Quality Analyst
Jack Gorzeman, HDR	Project Manager	Land Use and Planning; Hydrology and Water Quality
Walter Odening, HDR	Biological Resources Manager	Biological Resources
Wendy Worthey, HDR	Environmental Specialist	Biological Resources; 4(f) and 6(f) Resources
Jeroen Olthof, HDR	Civil Engineer	Lagoon Hydrology
Julie Wang, HDR	Environmental Specialist	Visual Resources, Hydrology
Caroline Brundage, HDR	GIS Specialist, Planner	Socioeconomics, Environmental Justice; GIS Analysis
Daniel Miller, HDR	Senior Project Manager	Geology, Soils, Seismicity; Hazardous Wastes/Materials/Public Utilities
James Campbell, IBI Group	Transportation Planner	Traffic, Parking and Circulation Analysis
Roy Choi, IBI Group	Transit Planner	Transit Analysis
Jeanette Kwok, IBI Group	Graphics Designer	Graphics

Name	Title	Responsibility
Carl Moczydlowsky, HDR	GIS Specialist	GIS Analysis, Graphics
David Dettloff, HDR	GIS Specialist	GIS Specialist
Susan Goldberg, Applied Earthworks	Senior Archaeologist	Lead Analyst, Cultural Resources
Mark Robinson, Applied Earthworks	Senior Archaeologist	Analyst, Cultural Resources
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David Livingstone, Applied Earthworks	Architectural Historian	Analyst, Historic Resources
Kathleen Springer, San Bernardino County Museum	Senior Curator of Geological Sciences	Paleontological Resources Manager
Eric Scott, San Bernardino County Museum	Curator of Paleontology	Paleontological Resources Analyst
Gregory Maxwell, San Bernardino County Museum	Collections Assistant	Paleontological Resources Analyst
Stephanie Fluit, San Bernardino County Museum	Project Assistant	Paleontological Resources Assistant